

TECHNICAL SPECIFICATIONS

Stent Implant			
Stent Material	Cobalt Chromium, L-605		
Strut Thickness	81 µm		
Drug and Drug Dose	Novolimus, a Sirolimus analogue 5 µg / mm		
Polymer	Durable Methacrylate Coating, 3µm		
Crossing Profile*	.041" / 1.04 mm		
Post dilatation limit	Stent Diameter	Post-dilatation Limit per IFU	Bench Testing Limit
	2.25 mm	2.75 mm	3.25 mm
	2.5 mm	3.0 mm	3.25 mm
	2.75 mm	3.25 mm	3.25 mm
	3.0 mm	3.5 mm	4.0 mm
	3.5 mm	4.0 mm	4.0 mm
	4.0 mm	4.5 mm	4.5 mm
Delivery System			
Balloon Material	Nylon Copolymer		
Working Catheter Length	140 cm		
Tip Entry Profile	0.017" , 0.43 mm		
Marker Bands	Platinum Iridium, swaged		
Catheter Shaft Diameter	Distal Outer Shaft OD 2.7F / 0.89 mm Intermediate Shaft OD 2.5F / 0.85 mm Proximal Hypotube OD 1.95F / 0.65 mm		
Nominal Pressure	9 atm		
Rated Burst Pressure	16 atm		
Guide Wire Compatibility	0.014" , 0.36 mm		
Guiding Catheter Compatibility	5F (min I.D. 0.058" , 1.47 mm)		

*DESyne X2 2.5 mm diameter

DESyne[®] X2

Novolimus Eluting Coronary Stent System

COMPLIANCE CHART

PRESSURE	STENT DIAMETER					
	2.25mm	2.5mm	2.75mm	3.0mm	3.5mm	4.0mm
6 ATM		2.31	2.54	2.80	3.30	3.76
7 ATM	2.14	2.38	2.62	2.88	3.38	3.86
8 ATM	2.22	2.45	2.70	2.94	3.45	3.94
9 ATM (NOM)	2.28	2.52	2.77	3.00	3.51	4.02
10 ATM	2.35	2.58	2.84	3.06	3.56	4.09
11 ATM	2.40	2.64	2.91	3.11	3.61	4.16
12 ATM	2.45	2.70	2.97	3.15	3.66	4.22
13 ATM	2.49	2.75	3.02	3.20	3.71	4.27
14 ATM	2.53	2.80	3.06	3.24	3.75	4.32
15 ATM	2.57	2.84	3.11	3.28	3.80	4.37
16 ATM (RBP)	2.60	2.88	3.14	3.33	3.84	4.42
17 ATM	2.63	2.92	3.18	3.37	3.88	4.47
18 ATM	2.66	2.96	3.21	3.42	3.93	4.52

Elixir Medical Corporate Headquarters
920 N. McCarthy Blvd, Milpitas, CA 95035 USA
+1.408.636.2000
info@elixirmedical.com
www.elixirmedical.com

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DESyne X2 Novolimus Eluting Coronary Stent System is CE Mark approved.
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